Status, range use, and survival of the Mulchatna Caribou Herd (MCH)





Outline

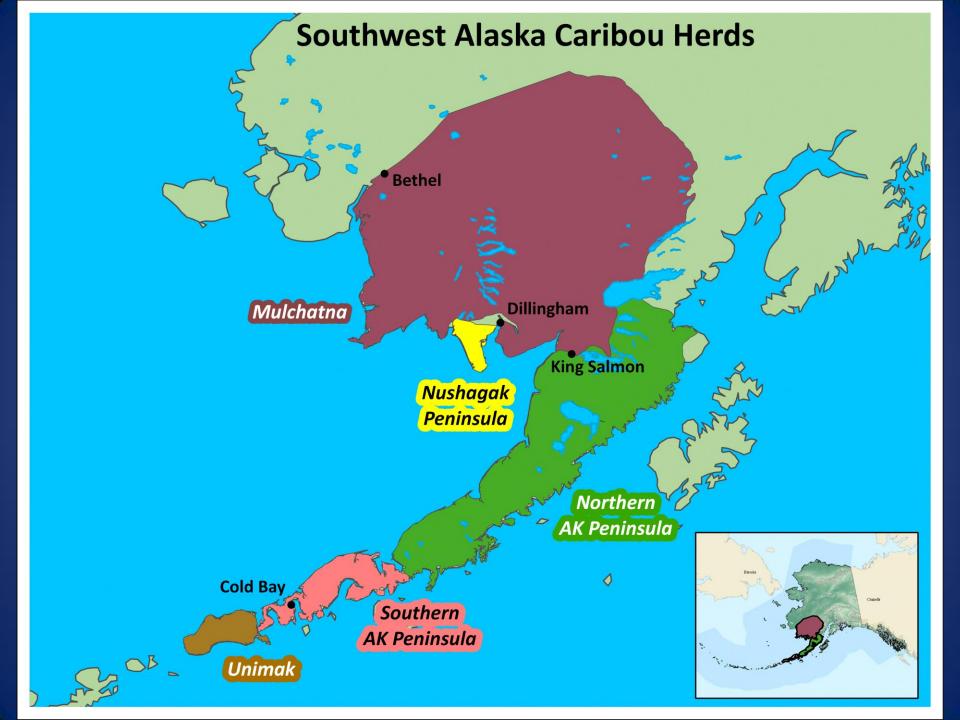
Status of SW caribou herds

Mulchatna caribou herd (MCH)

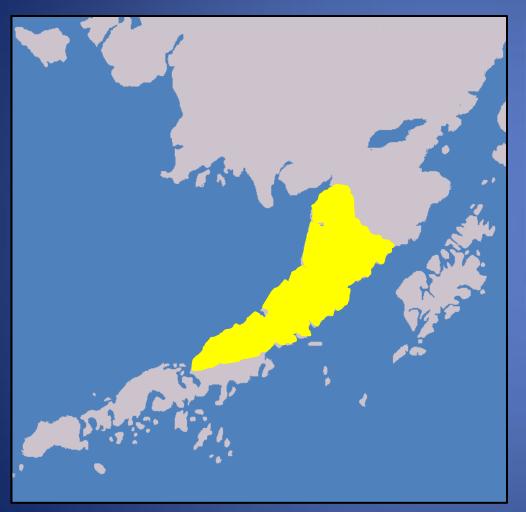
- Population status/survival
- Range use

Research

- Bulls
- Calves
- Predator mgmt



Northern Alaska Peninsula Caribou Herd



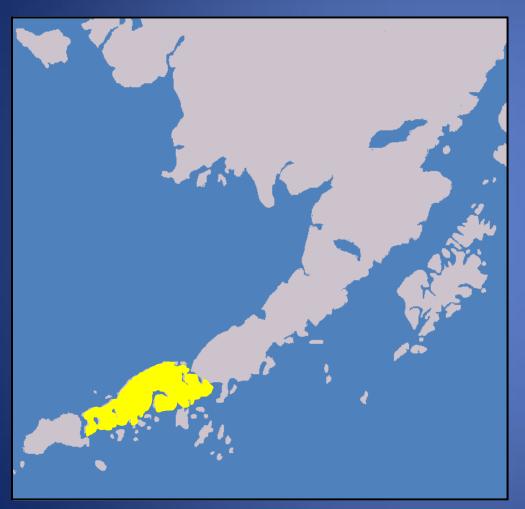


Population : ≥ 2,000

Status: stable?

Harvest: closed to hunting

Southern Alaska Peninsula Caribou Herd



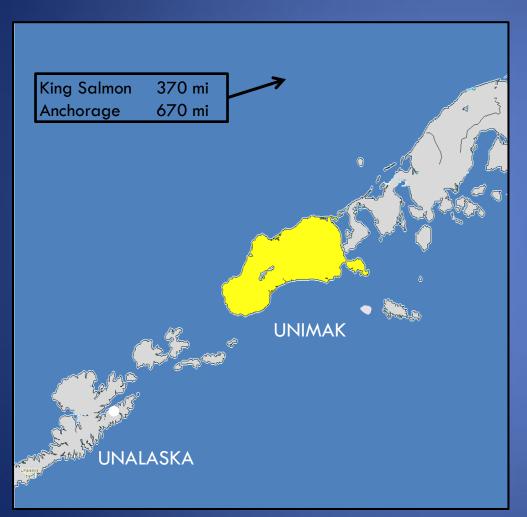


Population: ≈ 800

Status: increasing

Harvest: closed to hunting

Unimak Caribou Herd





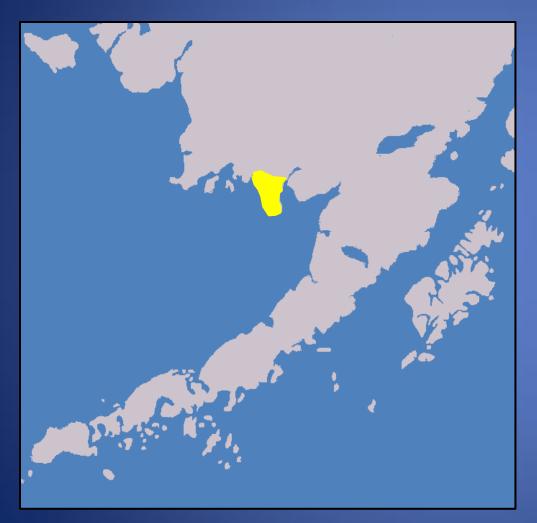
Population: ≈ 300

Status: declining

Harvest: closed to hunting

Nushagak Peninsula Caribou Herd*

* Aderman and Lowe. 2011.





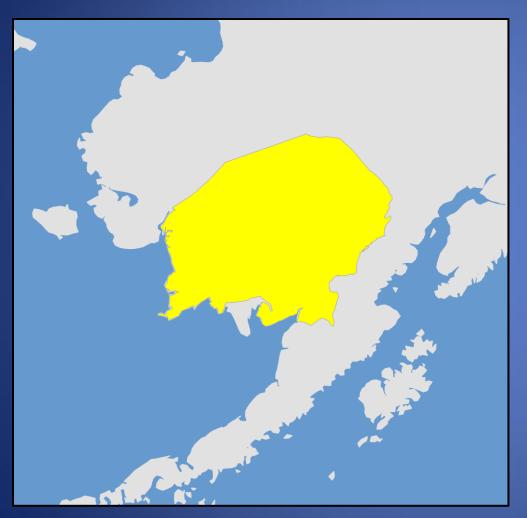
Population: 801

Status: increasing

Harvest: subsistence season

(0-127 annually)

Mulchatna Caribou Herd





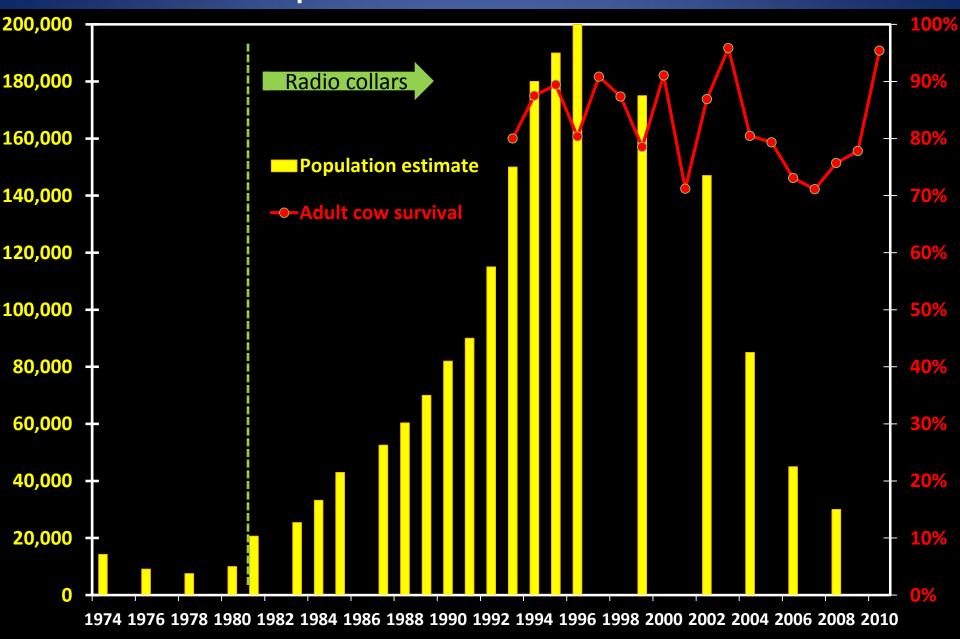
Population : \ge 30,000 (2008)

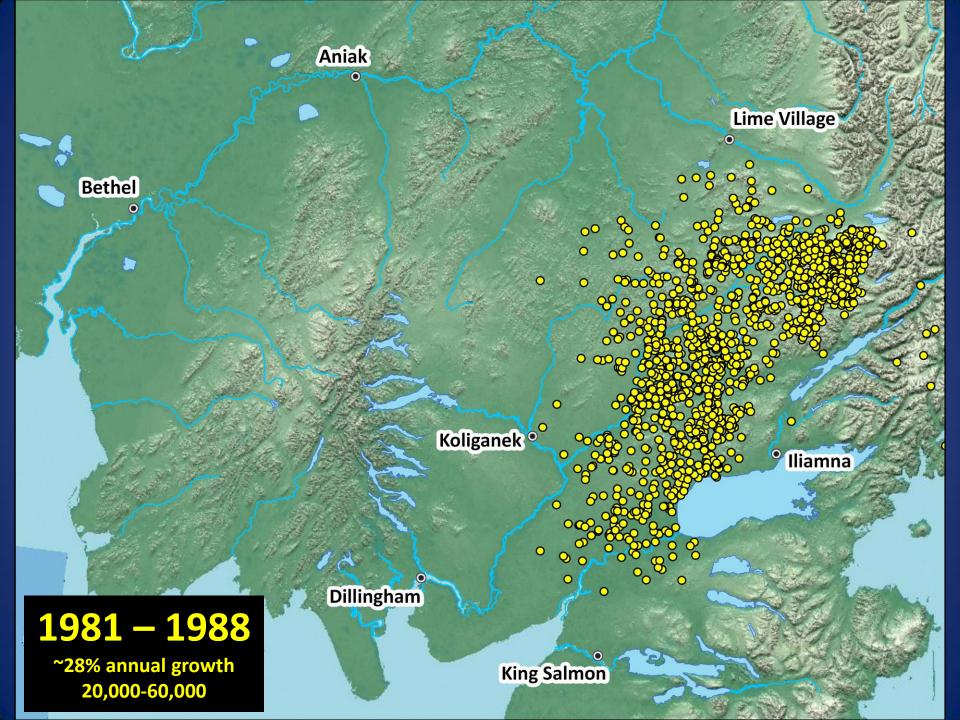
Status: decreasing?

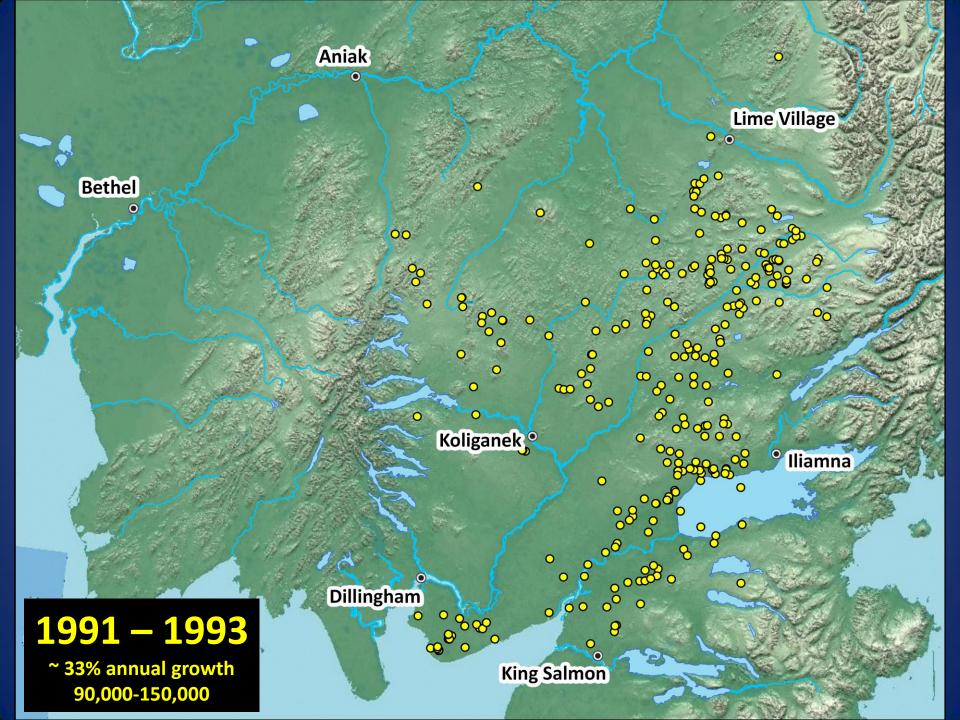
Harvest: general season

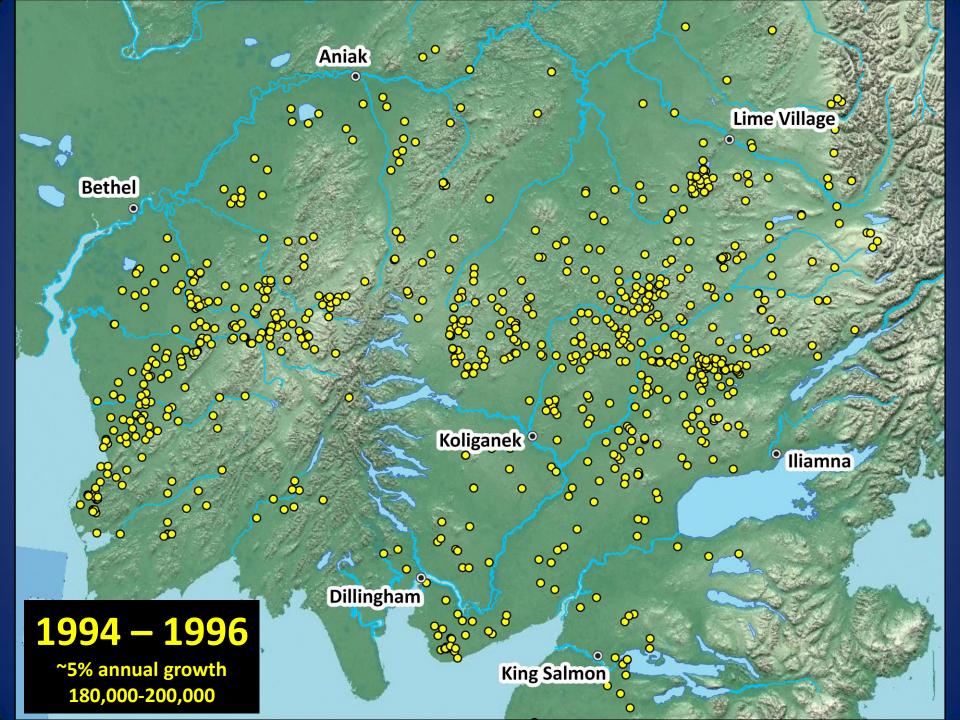
(500-1000 annually*)

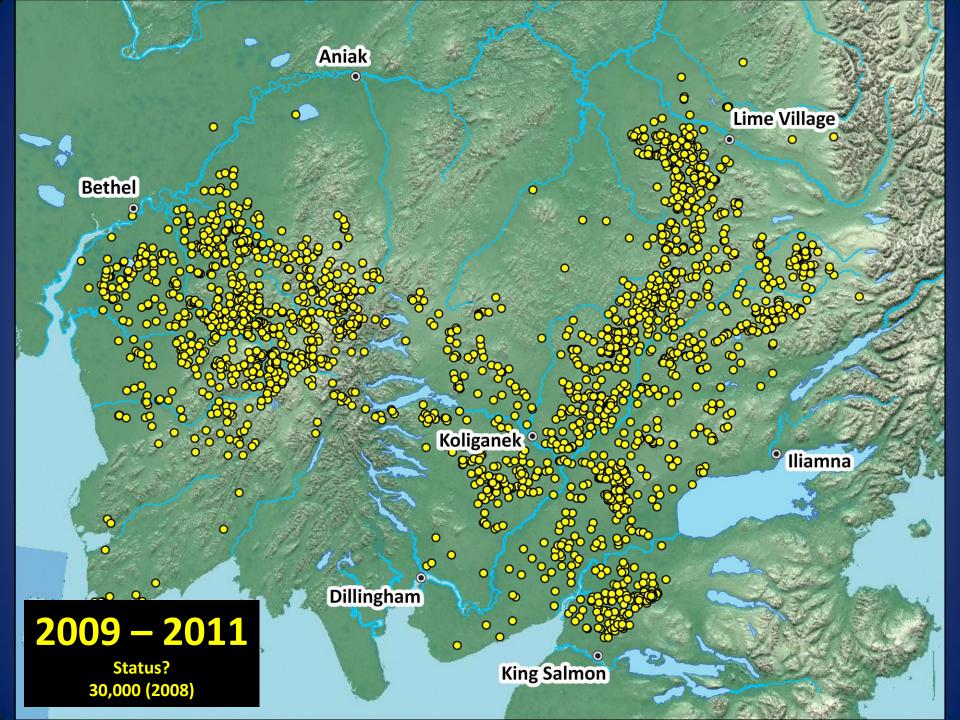
MCH Population trend and Survival







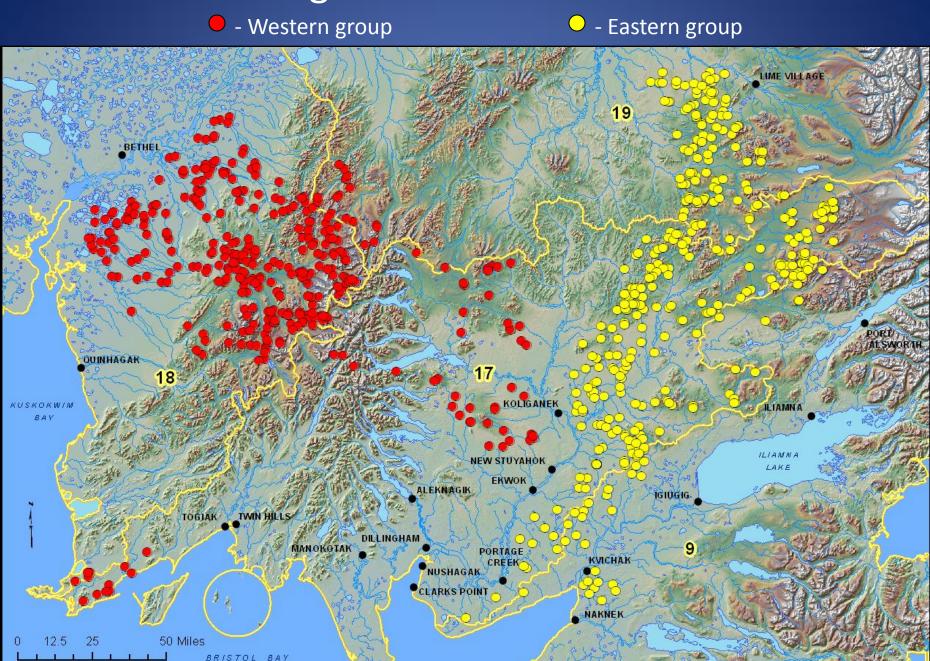


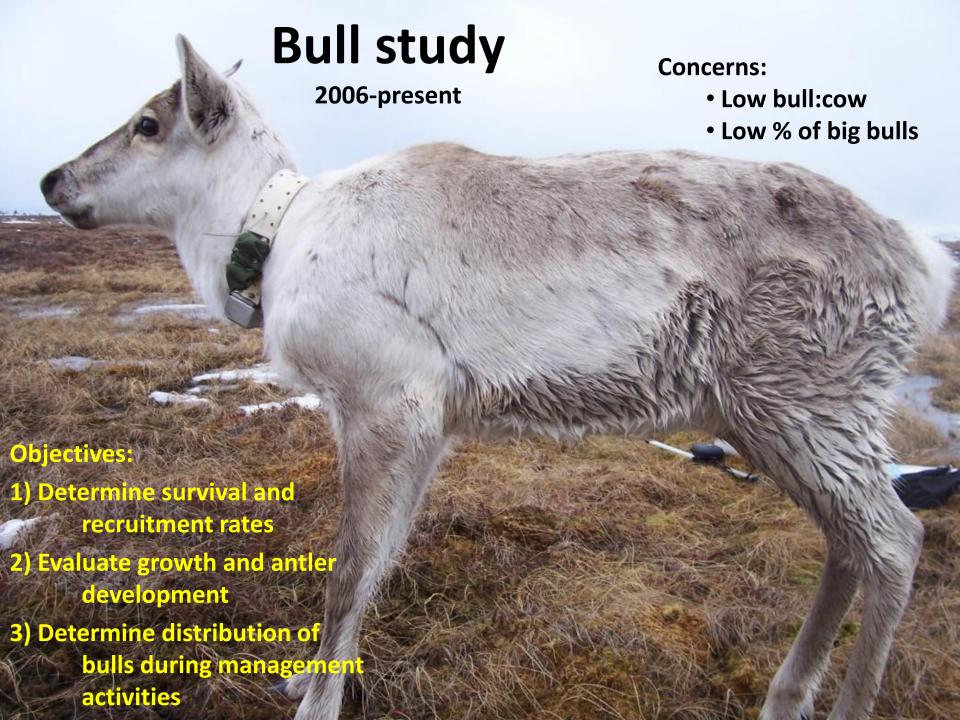


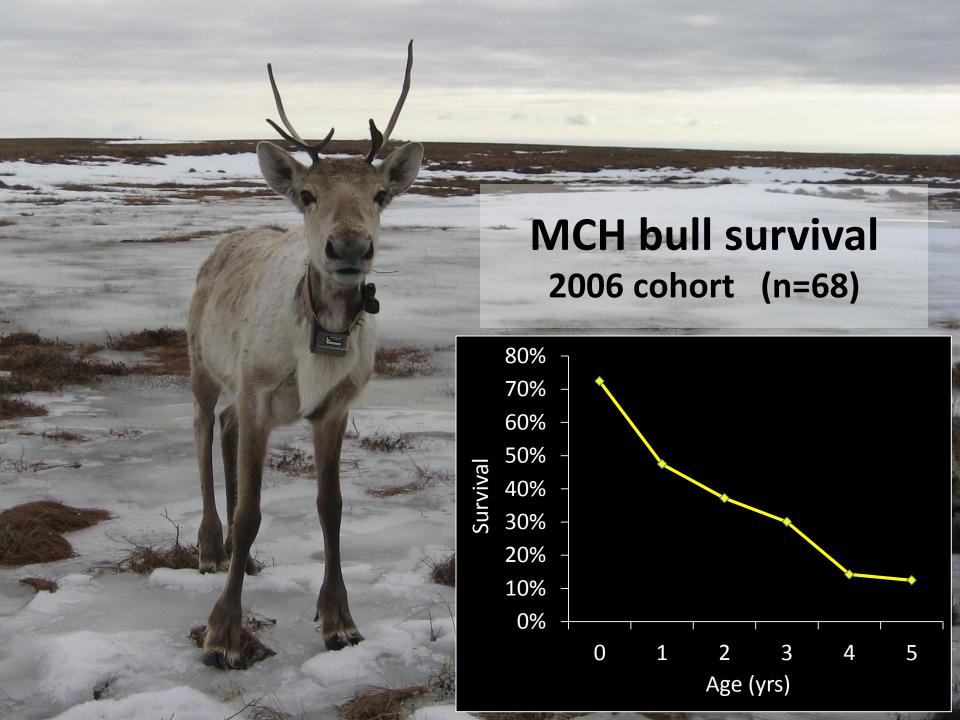
Cow 05-10: March 2005 to October 2007



2010 Range Use: East vs West caribou







Antlers: Individual variation 3-YO bulls







Antlers: Annual variation

2010: (4YO)





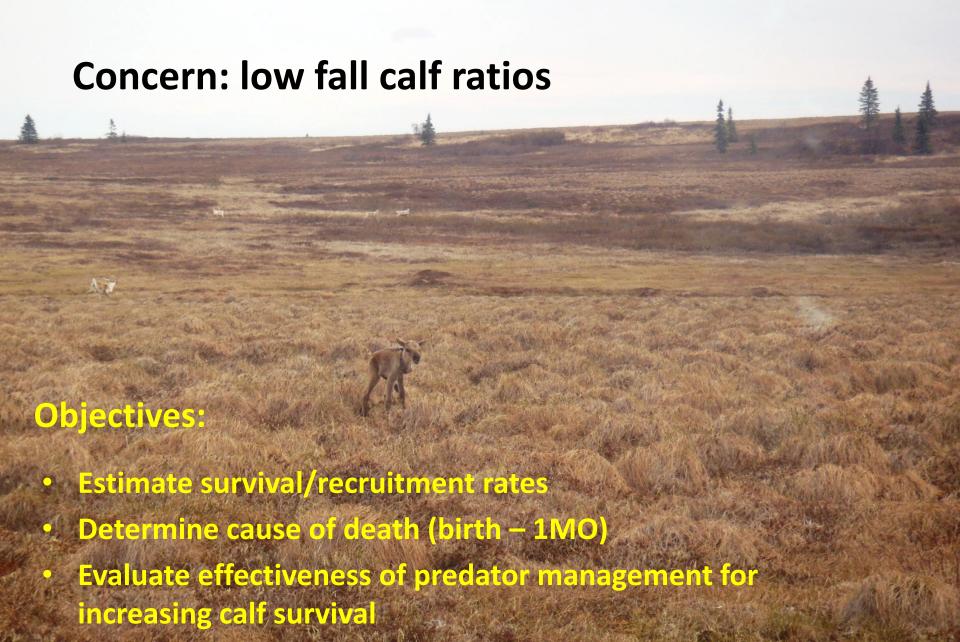








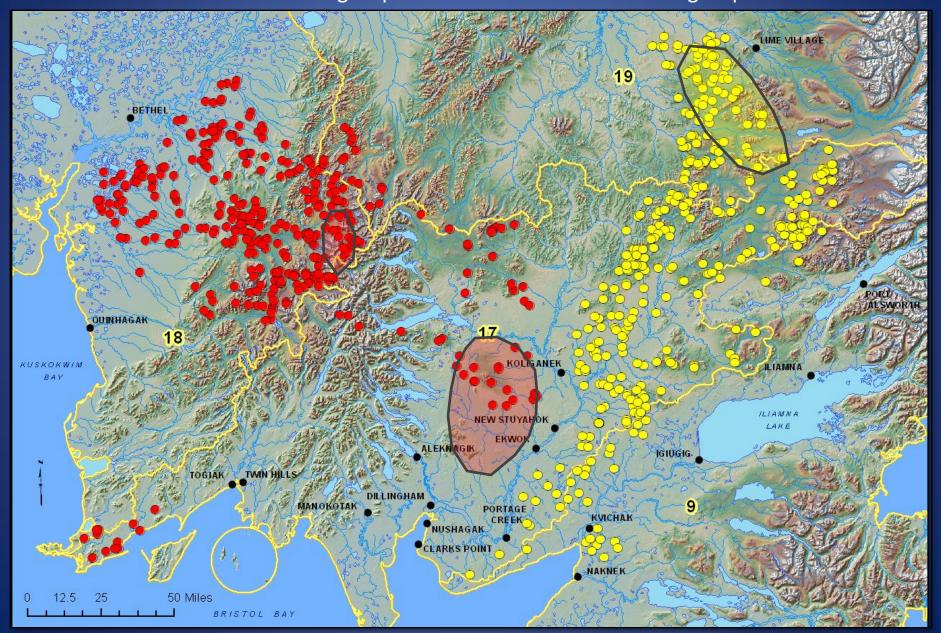
Calves



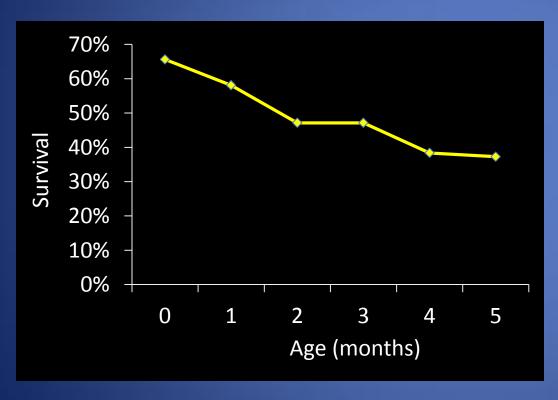
Current annual range and calving areas

Western group

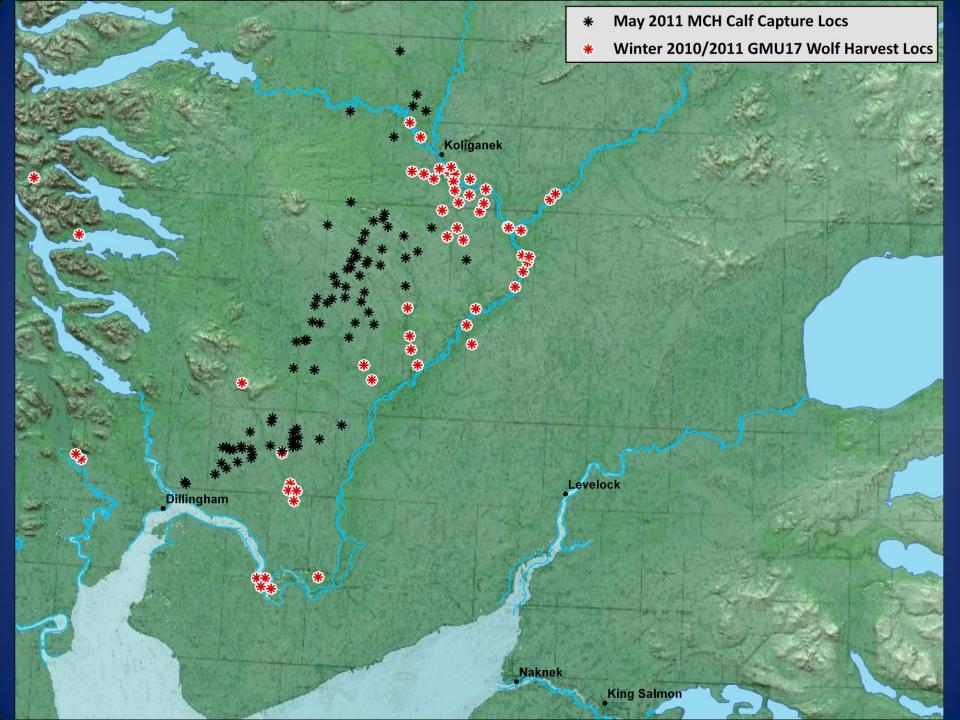
- Eastern group



MCH calf survival function 2011 cohort (n=88)







Cause of death birth – 1 month

